

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MORIARTY, K et al.

Docket Number: 19.0353

Serial No.:

Group Art Unit:

Filed Herewith

Examiner:

Title: DIRECTIONAL CASING DRILLING

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Please find enclosed an Information Disclosure Statement (Form PTO-1449) for consideration with respect to the above-identified patent application under the provisions of 37 CFR 1.97-1.98.

It is respectfully requested that these references be considered by the Examiner and formally made of record in this case. A completed PTO-1449 is included for this purpose.

No fees are thought to be necessary. However, please charge any necessary fees or credit any overpayments to Deposit Account No. 50-2898. Please stamp and return the enclosed postcard to acknowledge receipt of these documents.

Respectfully submitted,



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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	
				Filing Date	
				First Named Inventor	Moriarty
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	19.0353

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
1	5,117,927			Askew	1992-06-02	
2	5,845,722			Makohi et al.	1998-12-08	
3	5,950,742			Caraway	1999-09-14	
4	5,839,519			Spedale, Jr.	1998-11-24	
5	6,263,987			Vail, III	2001-07-24	
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8	5,755,289			Angman et al.	1998-05-26	
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17	6,182,776			Asberg	2001-02-06	
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21	6,102,119			Raines	2000-08-15	
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23	5,082,069			Seilor et al.	1992-01-21	
24	5,957,225			Sinor	1999-09-28	

U.S. PUBLISHED APPLICATIONS

Examiner Initials*	Cite No. ¹	U.S. Publication Number		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ⁵			
1	20020175003			Pisoni et al.	2002-11-28	
2	20020179336			Schaaf et al.	2002-12-05	
3	20020050360			Cook et al.	2002-05-02	
4	20020040787			Cook et al.	2002-04-11	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Country	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ⁵			
1	EP0462618A2			Europe	1991-12-27	
2	WO02/14649A1			PCT	2002-02-21	
2	WO01/94739A1			PCT	2001-12-13	
3	WO01/94738A1			PCT	2001-12-13	
4	WO00/50730			PCT	2000-08-31	
5	WO01/86111A1			PCT	2001-11-15	
6	WO02/10549A2			PCT	2002-02-07	
7	WO01/83932A1			PCT	2001-11-08	
8	WO00/37771			PCT	2000-06-29	

Examiner Signature	Date Considered
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Sheet	2	of	2	Application Number	
				Filing Date	
				First Named Inventor	Moriarty
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	19.0353

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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